

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): ROBL et al.

Appln. No.: 09 | 874,040

Series Code ↑

Serial No. ↑

Filed: June 6, 2001

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT/LETTER

Date: June 19, 2002

Group Art Unit 1632
Examiner: Beckerleg
Atty. Dkt. P 0280633

M#

Client Ref

Appln. Title: EMBRYONIC OR STEM-LIKE CELL
LINES PRODUCED BY CROSS
SPECIES NUCLEAR
TRANSPLANTATION

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in the absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

JUN 27 2002

1. Small Entity claim						For B & C See <u>Required</u> <u>Separate Paper</u> (Pat-256)			
A. <input type="checkbox"/> NOT made									
B. <input type="checkbox"/> Withdrawn									
C. <input type="checkbox"/> made herewith									
D. <input checked="" type="checkbox"/> made previously									
Claims remaining after amendment		Highest number previously paid for		Present Extra		Large/Small Entity		Additional	
52		35		17		x \$18/\$9 =		+ \$153	
2		3		0		x \$84/\$42 =		+ \$0	
2. Total Effective Claims						x \$18/\$9 =		+ \$153	
3. Independent Claims						x \$84/\$42 =		+ \$0	
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) add						+ \$280/\$140 =		+ \$0	
5. Original due Date: March 19, 2002						<input type="checkbox"/> NONE			
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached						+ \$460			
(Usable only for ≤ 2mo.OA --- 4 mos)						\$1,440/\$720=			
(Usable only for 30 day/1mo.OA --- 5 mos)						\$1,960/\$980=			
7. Enter any previous extension fee paid since above original due date and subtract						- \$0			
8. Extension Fee						+ \$460			
9. If Terminal Disclaimer attached, add Rule 20(d) official fee						+ \$110/\$55		+ \$0	
10. If IDS attached requires Official Fee under Rule 97 (c), or if Rule 97(d) Request						+ \$180		+ \$0	
11. After-Final Request Fee per rules 129(a) and 17(r)						+ \$740/370		+ \$0	
12. No. of additional inventions for examination per Rule 129(b)						x \$740/370 ea		+ \$0	
13. Request for Continued Examination (RCE)						+ \$740/370		+ \$0	
14. Petition fee for						+ \$0			
15. TOTAL FEE =						\$613			
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".									
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.									
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.									

PLEASE CHARGE
OUR DEP. ACCT.

06/24/2002 YPOLITE1 00000101 033975 09874040

02 FC:217 460.00 CH

Our Deposit Account No. 03-3975)

(Our Order No. 015837 0280633

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: Robin L. Teskin

Reg. No. 35,030

P.O. Box 10500
McLean, VA 22102
Tel: (703) 905-2000

Sig:

Fax: (703) 905-2500
Tel: (703) 905-2200

Atty/Sec: RLT/AF

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

James Robl et al.

Group Art Unit: 1632

Application No. 09/874,040

Examiner: Anne M. Beckerleg

Filed: June 6, 2001

Title: EMBRYONIC OR STEM-LIKE CELL LINES PRODUCED BY CROSS
SPECIES NUCLEAR TRANSPLANTATION

RECEIVED

JUN 27 2002

TECH CENTER 1600/2900

* * * * *

AMENDMENT AND REPLY

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

This reply is responsive to the Office Action dated December 19, 2001. Kindly enter the following amendments and remarks prior to further examination:

IN THE SPECIFICATION:

Please replace the paragraph beginning at line 29 of page 5 with the following amended paragraph:

B¹ - - Wolfe et al. (*Theriogenology*, 33:350 (1990)) describe fusing bovine embryonic cells with oocytes of other mammalian species to produce cross species nuclear transfer (NT) units, some of which divided to produce embryonic structures possibly having an inner cell mass. No inner cell mass structures were obtained when cattle nuclei were fused into hamster oocytes during NT. Wolfe et al. did not describe attempts to use non-embryonic cells, e.g.,